

# Memorandum

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Be energy efficient!*

**To:** DEPUTY DISTRICT DIRECTORS, Construction  
DEPUTY DIVISION CHIEFS, Structure Construction  
CONSTRUCTION MANAGERS  
SENIOR CONSTRUCTION ENGINEERS  
RESIDENT ENGINEERS

**Date:** December 14, 2005

**File:** Division of Construction  
CPD 05-12

**From:** ROBERT PIELOW  
Chief  
Division of Construction



**Subject:** Standard Plans Updates for Projects Supplemented by the 1999 *Standard Plans*

This directive applies to all ongoing projects including state administered and oversight projects supplemented with the 1999 *Standard Plans* with a bid advertisement date before January 3, 2005. Future awarded projects supplemented with the 1999 *Standard Plans* should include the updated standard plans referenced in this directive. Verify with the project engineer whether the standard plan updates listed in this directive were considered for inclusion in the project. If the project engineer did not include the standard plan updates listed in this directive, follow the procedures outlined below for projects with the items of work listed.

The changes outlined in this directive are necessary only if a project already contains the related items of work referenced. This directive is in accordance with the chief engineer's memorandum dated November 17, 2004, and the memorandum from the chief engineer and acting deputy director for maintenance and operations originally dated April 22, 2005, and revised August 5, 2005. These memorandums are accessible at: <http://pd.dot.ca.gov/memos/>.

Non-adoption or partial adoption of these changes is permissible if a determination is made by district construction that incorporating them will result in significant project delays or excessive cost increases. The resident engineer should consult with project management when making these determinations, as it may be necessary to have the work performed under a separate contract at a later date. Document any decisions not to implement these changes in project records. Record all incorporated changes on project as-built plans.

Compensation to the contractor for incorporating these changes is at the district's discretion. Notify the project manager if additional funds are required to comply with this directive.

Contracts with Overhead Sign Structures (per August 5, 2005, memorandum)

The resident engineer will issue a contract change order to retrofit sign structures with worker safety elements in accordance with the attached plan sheets. Retrofit only overhead signs included in the contract work. The attached Overhead Sign Safety Cable Retrofit plans dated June 27, 2005, supersede "Attachment C" of the April 22, 2005, memorandum. The contractor may use either the

bolted detail or the optional weld detail shown on the attached plans if sign structures are not yet fabricated. If the original safety cable retrofit ("Attachment C" of the April 22, 2005, memorandum) is already fabricated or installed, it is not necessary to replace it with the new detail shown on the attached plans.

Signals and Lighting Standards (per August 5, 2005, memorandum)

If Standard Plan ES-7B, dated July 1, 1999, is included in the contract work and if materials are not ordered or the foundation work has not begun, issue a contract change order to replace it with Revised Standard Plan RSP ES-7B, dated December 30, 2004.

Curb Ramps (per November 17, 2004, memorandum)

If curb ramp construction is not complete at all locations, issue a contract change order to perform the work using the revised standard plans noted below at all locations where curb ramp construction has not started.

- Supersede Standard Plan A88A, dated July 1, 1999, with Revised Standard Plan A88A dated December 30, 2004.
- Supersede Standard Plan A88B, dated July 1, 1999, with Revised Standard Plan A88B dated December 30, 2004.

Railing Transitions (per November 17, 2004, memorandum)

Incorporate via contract change order the revised or new standard plans for the railing transition types noted in the table below.

<i>Transition Type</i>	<i>Standard Plan</i>
Metal beam guard railing to a concrete bridge railing or wall	New Standard Plan NSP A77P dated December 30, 2004
Metal beam guard railing to abutments or walls	New Standard Plan NSP A77Q and New Standard Plan NSP A77P dated December 30, 2004
Thrie beam barrier railing to abutments or walls	New Standard Plan NSP A78L and New Standard Plan NSP A78J dated December 30, 2004
Thrie beam barrier railing to concrete barrier or railing	New Standard Plan NSP A78J dated December 30, 2004
Double thrie beam barrier railing to a concrete barrier or railing (2-way traffic)	Revised Standard Plan RSP A78I and New Standard Plan NSP A78J dated December 30, 2004
Double thrie beam barrier railing to a concrete barrier or railing (1-way traffic)	New Standard Plan NSP A78K dated December 30, 2004

For all transition types, if materials are ordered or installation has begun or been completed before receiving this directive, consult with your district traffic safety engineer about the need to upgrade the transition.

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Traffic Control System (per November 17, 2004, memorandum)

If Standard Plan T10, T10A, T11, T12, T13, T14, T15, T16, or T17, dated July 1, 1999, is included in the contract work, issue a contract change order to replace it with the same-numbered revised standard plan dated May 19, 2005.

Locate 1999 revised and *New Standard Plans* at the following location:

[http://www.dot.ca.gov/hq/esc/oe/project\\_plans/HTM/stdplns-met-new99.htm](http://www.dot.ca.gov/hq/esc/oe/project_plans/HTM/stdplns-met-new99.htm)

A transmittal to the Division of Construction is not required for contract change orders that are written in compliance with this directive.

If you have any questions regarding this CPD, contact Greg Berry, Safety Coordinator, Division of Construction at (916) 654-4580.

Attachments: Overhead Sign Safety Cable Retrofit 1  
Overhead Sign Safety Cable Retrofit 2